

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Previously Presented) A process for communication with a redundant system, comprising:

one group of redundant serial lines, a serial line of said group being an active line, the other serial line of said group being an inactive line,

means for managing the redundancy by controlling the switching of the serial lines from an active to an inactive state and vice versa wherein :

first allocating each serial line with a physical identifier;

second allocating each group of serial lines with a logical identifier;

communicating with the management means in order to determine the active serial lines;

associating the physical identifier of the active serial line with each logical identifier;

transmitting the messages of an application to the redundant system, substituting each logical identifier with the associated physical identifier; and

transmitting the messages of the redundant system to the application, substituting each physical identifier with the associated logical identifier.

2. (Previously Presented) The communication process as claimed in claim 1, wherein that the associations between logical identifier and physical identifier are stored in a correspondence table.

3. (Previously Presented) A device for communication with a redundant system, comprising:

one group of redundant serial lines;

a serial line of said group being an active line, the other serial line of said group being an inactive line:

means for managing the redundancy controlling the switching of said serial lines from an active to an inactive state and vice versa, a server application and one client application communicating together, in which the server application:

allocates a physical identifier to each serial line;
allocates a logical identifier to each group of serial lines;
communicates with the management means in order to determine the active serial lines;
associates the physical identifier of the active line with each logical identifier;
transmits the messages of the client application to the redundant system, substituting each logical identifier with the associated physical identifier; and
transmits the messages of the redundant system to the client application, substituting each physical identifier with the associated logical identifier.

4. (Previously Presented) The device for communication as claimed in claim 3, wherein the server application communicates with several client applications of one and the same workstation.

5. (Previously Presented) The device for communication as claimed in claim 3, wherein the server application operates continuously.

6. (Previously Presented) The device for communication as claimed in claim 4, wherein the server application operates continuously.